

VINOKURSKIY, S.A.; GONCHARSKIY, L.A.; RABINOVICH, N.E.

Mechanotron with increased sensitivity to current changes. Trudy
VNIMIO no.3:179-181 '63 (MIRA 18:2)

LETOKHOV, V.S.; VATSURA, V.V.; PUKHLIK, Yu.A.; FEDOTOV, D.I.; KOSOZHNIKIN,
A.S.; ZHABOTINSKIY, M.Ye.; DASHEVSKAYA, Ye.I.; KOZLOV, A.N.;
RUVINSKIY, L.G.; VASIN, V.A.; YURGENEV, L.S.; NOVOMIROVA, I.Z.;
PETROVA, G.N.; SHCHEDROVITSKIY, S.S.; BELYAYEVA, A.A.; BRYKINA,
L.I.; GLEBOV, V.M.; DRONOV, M.I.; KONOVALOV, M.D.; TARAPIN, V.N.;
MIKHAYLOVSKIY, S.S.; ZHEGALIN, V.G.; ZHABIN, A.I.; GRIBOV, V.S.;
MAL'KOV, A.P.; CHERNOV, V.N.; RATNOVSKIY, V.Ya.; VOROB'YEVA, L.M.;
MILOVANOVA, M.M.; ZARIPOV, M.F.; KULIKOVSKIY, L.F.; GONCHARSKIY,
L.A.; TYAN KHAK SU

Inventions.. Avtom. i prib. no.1:78-80 Ja-Mr '65. (MIRA 18:8)

GONCHARSKIY V.

181708

USSR/Radio - Transmitters
Short-Wave Operation

Apr 51

"Transmitter of the URSKA Radio Station," V.
Goncharskiy, V. Kondrashov, L'vov

"Radio" No 4, pp 33-36

Details 6-stage transmitter of short-wave radio
sta of DOSARM Club, L'vov Oblast. Operates at 7.00-
7.20, 14-14.40, 21.09-21.40, and 28.00-300 Mc.
Antenna power is 100-150 w for telegraph operation
and 25-30 w for telephone operation. Editors note
slight defect, i.e., there is no relay device to

USSR/Radio - Transmitters (Contd)

Apr 51

cut off plate and screen voltages of the G-807
and G-813 tubes in case of fault in grid-bias
circuits of these tubes.

181998

107-57-1-21/60

AUTHOR: Goncharakiy, V. (L'vov)

TITLE: UB5WF. A New-Year Questionnaire (Novogodnyaya anketa)

PERIODICAL: Radio, 1957, Nr 1, p 15 (USSR)

ABSTRACT: In 1956 the author established a communication with Soviet antarctic expedition UALKA. He worked at 21, 28, and 14 mc. He worked 120 countries (voice) and 185 countries (voice and CW). He also established voice contacts with all continents in 120 minutes. His self-constructed transmitter has 7 stages and 200 w output.

AVAILABLE: Library of Congress

Card 1/1

GULYAYEV, G.; GAUKHMAN, R., master radiosporta (Moskva); GONCHARSKIY, V.; master radiosporta (L'vov); BUNIMOVICH, S., master radiosporta, (Stalino); SHLEVKO, Yu., master radiosporta; IVANOVA, Ye., master radiosporta (Chelyabinsk); LABUTIN, L., master radiosporta (Moskva); SEYKO, V., master radiosporta; GESHLEV, B., master, radiosporta (Khar'kov); Shtraus, V., pervorazryadnik (Buguruslan); VOLOSYAN, M., pervorazryadnik (Simferopol').

Is it really entertainment and not sport? Radio no.5:13-14 My '60.
(MIRA 13:12)

1. Predsedatel' sportivnoy komissii Federatsii radiosporta SSSR (for Gulyayev).

(Amateur radio stations)

GONCHARSKIY, V. (UV5WF, g. L'vov)

Phase converter for SSB operating on 14, w1 and 7(28) megacycle
bands. Radio no. 8:34-37 Ag '61. (MIRA 14:10)
(Radio, Shortwave)

GONCHARSKIY, V. (UB5WF) (L'vov)

CQ SSB. Radio no.6:22 Je '62.
(Radio operators) (Amateur radio stations)

(MIRA 15:5)

GONCHAROVSKIY, V. (L'vov)

SQ SSB. Radio no. 7:23 J1 '62.

(MIRA 16:6)

(Radio operators)
(Amateur radio stations)

ACC NR: AT6020477

(A)

SOURCE CODE: UR/0000/65/000/000/0090/0094

AUTHOR: Goncharskiy, V. N. (L'vov); Kalashnikov, N. I. (L'vov)

ORG: none

TITLE: A new high speed method of instrument calibration for airborne electrical prospecting

SOURCE: AN UkrSSR. Teoriya i elementy sistem otbora geofizicheskoy informatsii (Theory and elements of systems for selecting geophysical information), Kiev, Naukova dumka, 1965, 90-94

TOPIC TAGS: geophysic instrument, instrument calibration equipment

ABSTRACT: The proposed method facilitates phase and amplitude calibration during a helicopter flight with adequate precision of the measurement of the field's absolute characteristics. The controlling phase signal enters the receiver, where it is demodulated. It is then used as a standard in the measuring instruments aboard the helicopter. The error in the phase angle relative to the phase angle of the current passing through the cable is minimal. The use of short and ultrashort waves (above 2 Mc) contributes to keeping the phase shift at a minimum. The fundamental equation is:

$$\varphi_1 = 2\pi \frac{x}{c},$$

Card 1/2

ACC NR: AT6020477

where x is the distance between the transmitter and the receiver in km. The lower the frequency of the standard signal and the shorter the distance between the transmitter and the receiver coils, the smaller will be the phase shift. The distance x may become quite large during a helicopter flight and accordingly the phase shift becomes a variable. The value of $\delta\phi$ in the equation

$$\delta\varphi \approx 2\pi F_c^x$$

will remain constant only if the helicopter flies in a circle of radius one kilometer. The method is described briefly. Orig. art. has: 1 figure, 3 formulas.

SUB CODE: 08,14/

SUBM DATE: 10Nov65/

ORIG REF: 005

Card 2/2

ACC NR: AT6020478

(A)

SOURCE CODE: UR/0000/65/000/000/0095/0100

AUTHOR: GoncharSKIY, V. N. (L'vov)

ORG: none

TITLE: Adaptation of a magnetic tape recorder for use in measurements with the "infinitely long cable" method

SOURCE: AN UkrSSR. Teoriya i elementy sistem otbora geofizicheskoy informatsii (Theory and elements of systems for selecting geophysical information). Kiev, Naukova dumka, 1965, 95-100

TOPIC TAGS: prospecting, electromagnetic field

ABSTRACT: The paper describes an adaptation of a tape recorder for use with the "infinitely long cable" method of electrical prospecting. At the present, two technicians are needed to operate the heavy, bulky equipment which can be lifted only by such large helicopters as the MI-4. The reduction in weight and bulk would permit the use of lighter helicopters, such as the MI-1 or the Ka-15. The corresponding savings in the cost of prospecting should be considerable. Furthermore, the automated equipment could be housed inside the helicopter itself instead of in a retractable gondola. This feature would permit flying at lower altitudes and contribute to safety. Much vibration would be eliminated. In general terms, the design of the recorder is as follows.

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ACC NR: AT6020478

The electromagnetic field of the cable induces a certain alternating electromagnetic field in the receiving coil which is tuned to a certain frequency. This electromagnetic field passes to a preliminary, wide band amplifier. From there, the pulses go to the selector-amplifier, then to the magnetic head where they are recorded on the first channel of the tape. The signal of the phase, which is transmitted by the transmitting coil, is recorded on the second channel. The identifying markings, altitude, the speed of the flight and any remarks by the navigator are recorded on the third channel as spoken words or as pulses of certain frequency and duration. All these pulses from the tape pass to the filter where they are separated. Orig. art. has: 2 figures.

SUB CODE: 08,09/

SUBM DATE: 10Nov65/

ORIG REF: .005

Card 2/2

SIVOLAPOV, Vsevolod Petrovich; KARANDEYEV, Konstantin Borisovich;
MIZYUK, Leonid Yakovlevich; GONCHARSKIY, Vladimir Nikolayevich;
LYUSTIBERG, V.F., inzh., ved. red.; SHTEYNBOK, G.Yu., inzh.,
ved. red.; SOROKINA, T.M., tekhn. red.

[MFI phase meters. Light-sensitive EAK-3 automatic compensators
for electric prospecting] Fazometr MFI. Fotoregistriruiushchii
elektrozvedochnyi avtokompensator EAK-3. [By] K.B. Karandeev i
dr. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii,
1958. 25 p. (Peredovoi nauchno-tekhnicheskii i proizvodstven-
nyi opyt. Tema 35. No.P-58-27/4) (MIRA 16:3)
(Electric prospecting--Equipment and supplies)
(Electric measurements)

S/169/62/000/001/027/083
D228/D302

AUTHOR: Goncharskiy, V. N.

TITLE: Radiochannel for transmitting the phase of the guide signal in electrical prospecting

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1962, 35, abstract 1A286 (V sb. Avtomat. kontrol' i izmerit. tekhn., no. 4, Kiyev, AN UkrSSR, 1960, 116-120)

TEXT: When conducting electroprospecting operations with the use of a helicopter by the method of an infinitely long cable the transmission of the phase of the current in the cable (the guide signal) is carried out from a ground generator set to the mobile reception-measuring apparatus by means of a special radiochannel. The radiochannel's block-circuit which satisfies practical requirements is described. The radiochannel permits the positive reception of a signal at a distance of up to 30 - 40 km when the helicopter is at a height of 20 - 30 m. / Abstractor's note: Complete translation. /

Card 1/1

GONCHARSKIY, V.N.

Acoustic oscillator used in the equipment for aerial electric
prospecting. Avtom.kont. i izm.tekh. no.5:124-134 '61.
(MIRA 14:11)

(Radio in geology)
(Oscillators, Electron-tube)

KALASHNIKOV, N., inzh.; GONCHARSKIY, V., inzh.

Airborne electromagnetic prospecting. Radio no.5:26-27 My
'62. (MIRA 15:5)

(Aeronautics in geology) (Radio in prospecting)
(Electromagnetic prospecting)

41158
S/169/62/000/009/050/120
D228/D307

9.2580'

AUTHOR: Goncharekiy, V. N.

TITLE: Audio oscillator equipment for aerial electric prospecting

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 40, abstract 9A263 (In collection: Avtomat. kontrol' i izmeri. tekhn., no. 5, Kiyv, AN USSR, 1961, 124-134)

TEXT: A low-frequency master oscillator that can be used to drive the supply generator in the endless cable method is described. The measuring equipment's narrow-band nature requires the cable to be supplied with current of set frequency. The frequency instability is reflected in the measuring unit's phase characteristic more strongly than in its amplitude characteristic, hence the acceptable phase error determines the stability requirement. When the phase error is 2° and the Q-factor of the selective system equals 50 - 100, the stability of the oscillator's frequency must be not less than 0.05 - 0.1%. Since the phase error is not only created by the

Gard 1/2

Audio oscillator equipment ...

S/169/62/000/009/050/120
D228/D307

instability of the oscillator's frequency, the author raises the stability requirement to $(1-3) \times 10^{-4}$. Rejecting wide-band oscillators and examining fixed-audiofrequency narrow-band oscillators (resistor-capacitive, resistor-inductive, magnetostrictive, and quartz-crystal oscillators), the author does not dwell on the latter. The circuit principle of a fixed-frequency master quartz-crystal oscillator is given. The frequency instability is $\sim 10^{-5} - 10^{-6}$. The oscillator output frequency is 3906.25, 976.56, 244.14, 81.36 c/s. The oscillator is supplied from an a.c. grid at a voltage of 220, 127, or 110 v. Its dimension is 530 x 293 x 240 mm. [Abstracter's note: Complete translation.]

Card 2/2

GONCHARSKIY, V. (UB5WF)

Attenuation of harmonics. Radio no.7:20 J1 '61. (MIRA 14:10)
(Radio--Interference) (Television--Interference)

PAN'KOV, A. (UR2AK), master radiolyubitel'skogo sporta; GONCHARSKIY, V.
(UB5Wf), master radiolyubitel'skogo sporta; VOLOS'YAN, M. (UB5SD);
(STROMILOV, N. (UA3BN), master radiolyubitel'skogo sporta

What's on the air for radio amateurs today. Radio no.3:36-37
Mr '59. (MIRA 12:4)

(Radio, Shortwave)

SWT(m)/SWP(t)/SWP(s) SWP(c) SWP/MD/14

APR 1968

001/0056/0058

1. Physical properties of lanthanum digermanide

18
19

3. 1. 2. AF UkrRSR. Dopovid, no. 1, 1968, 3-4.

lanthanum digermanide, composition, microhardness, resistivity, temperature dependence of physical properties.

lanthanum digermanide (La₂Ge₂) is a new intermetallic compound and its physical properties are studied. The compound is a dark gray, brittle, crystalline substance. It is formed by the reaction of lanthanum and germanium in a vacuum at 1500°C. The compound has a hexagonal crystal structure. The microhardness of the compound is 1000 kg/cm². The resistivity of the compound is 1.5 mΩ·cm at 20°C. The temperature dependence of the resistivity is studied in the range 20-1000°C. The compound is stable in air up to 1000°C. The compound is used in the manufacture of high-temperature devices operating at high temperatures. Orig. art. has 5 figures. MS.

Card 1/2

L 25310-65

ACCESSION NR: AP5004248

ASSOCIATION: Instytut problem materialoznawstwa AN URSR / Institute of the Problems
of Materials, AN URSR

Adress

ENVI

U. S. S. R.

Phone

Post. Box

Card 1/2

NR: AP5011925

546.554'289.1

...staya, M. D.; Goncharuk, A. B.

anthanum germanides

AN SSSR. Izvestiya. Neorganicheskiye materiyaly, No. 1, 1965, 326-329

lanthanum germanide, rare earth element, rare earth compound, germanium compound

anthracene germanides (LaGe , LaGe_2 and La_3Ge_4) were synthesized in an arc

(LaCe₂) in a resistance furnace are 1 to 1.5 hours melting at 1600°C in an argon atmosphere. Also, reduction of lanthanum oxide with germanium for 1 hour at 1600°C leads to formation of lanthanum digermanide. Lanthanum digermanide dissolves in water while LaGe and LaCeGe are practically water insoluble. Thermal

Card 1/2

L 51989-65

ACCESSION NR: AP5011925

2

of Lanthanum germanides in air and ammonia atmosphere depends strictly
Lanthanum digermanide is substantially more resistant to oxygen

Institute of

L 32958-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AP6015739 (A) SOURCE CODE: UR/0073/66/032/005/0433/0436

AUTHOR: Lyutaya, M. D.; Goncharuk, A. B.

ORG: Institute of Problems in the Science of Materials AN UkrSSR (Institut problem materialovedeniya AN UkrSSR)

TITLE: Chemical properties of lanthanum germanides

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 5, 1966, 433-436

TOPIC TAGS: lanthanum compound, germanium compound, thermal stability, ammonia, analytic chemistry

ABSTRACT: The authors study the chemical properties of LaGe_2 , LaGe and La_5Ge_3 at room temperature in air and in water, and the thermal stability of these compounds in air and in an ammonia atmosphere. The lanthanum germanides used in the study were synthesized from lanthanum and germanium in an arc furnace. Interaction between the germanides and water was determined from the quantity of water passing into solution with decomposition of the lanthanum germanides. Powdered materials with particles measuring $40-50 \mu$ were used for studying the thermal stability of the lanthanum germanides. A sample of the powder was held at a given temperature for a certain length of time and the oxidation products were then subjected to chemical analysis. Specimens of the three compounds were interacted with ammonia at temperatures of $500-700^\circ$, and the pro-

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UDC: 546.654.289.1

L 32958-66

ACC NR: AP6015739

ducts of the reaction were then chemically analyzed. The experimental data are tabulated. It was found that lanthanum digermanide LaGe_2 is easily decomposed by moisture while LaGe and La_5Ge_3 are practically stable in water. There is a direct relationship between the composition of the lanthanum germanides and their stability in air and in an ammonia atmosphere. Lanthanum digermanide is more resistant to atmospheric oxidation at 200-400° and to interaction with ammonia at 500-700° than are LaGe and La_5Ge_3 under the same conditions. Intermediate compounds, lanthanum hydroxygermanides, are formed in the germanide oxidation process. A compound with the empirical formula LaGeN is produced by interactions between LaGe and ammonia at 500-700°. La_5Ge_3 also interacts with ammonia in this temperature range. Orig. art. has: 1 figure, 4 tables.

SUB CODE: 07/ SUBM DATE: 09Nov64/ ORIG REF: 005/ OTH REF: 002

Card 2/2

L 13776-66 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6020961

SOURCE CODE: UR/0226/66/000/006/0060/0063

34
33
B

AUTHOR: Lyutaya, M. D. ; Goncharuk, A. B.

ORG: Institute for Problems in Science of Materials, AN UkrSSR (Institut problem materialovedeniya AN USSR)

TITLE: Lanthanum germanides

SOURCE: Poroshkovaya metallurgiya, no. 6, 1966, 60-63

TOPIC TAGS: germanide, lanthanum, lanthanum germanide, germanothermic method, CHEMICAL SYNTHESIS, CHEMICAL REDUCTION

ABSTRACT: The authors have investigated conditions for synthesizing lanthanum germanides LaGe_2 , LaGe , and La_5Ge_3 from elements in an arc furnace and lanthanum digermanide by the germanothermic method, i. e., reduction of lanthanum oxide with germanium in vacuo. Some chemical properties of lanthanum germanides,

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Card 1/2

L 43776-66

ACC NR: AP6020961

stability of germanide powders in water, and thermal stability in air and in ammonia have been studied. It has been shown that the thermal oxidation of lanthanum germanides in air is followed by the formation of lanthanum hydroxygermanides as intermediate products. The interaction of lanthanum monogermanide with ammonia yields an LaGeN product. Orig. art. has: 2 figures and 2 tables. [Based on authors abstract] [AM]

SUB CODE: 11/ SUBM DATE: 18Mar66/ ORIG REF: 003/ OTH REF: 002/

LS
Card 2/2

L 44361-66 EWT(m)/EWP(k)/EWP(e)/EWP(t)/ETI LJP(c) JD

ACC NR: AP6007295

SOURCE CODE: UR/0226/66/000/002/0108/0109

REPORTER: Lyutaya, M. D.; Goncharuk, A. B.

ORG: none

TITLE: All-Union Inter-Institute Seminar on the Production, Properties and Applications of the Nitrides (held in Kiev from 20 to 22 April 1965)

SOURCE: Poroshkovaya metallurgiya, no. 2, 1966, 108-109

TOPIC TAGS: metallurgic conference, nitride, nitride compound, metallurgic research

ABSTRACT: The Seminar was attended by ~100 delegates from >30 research and academic institutions of the Soviet Union. 32 papers were presented. They dealt with such topics as: a classification of nitrides based on theories of their electron structure and chemical bonding (G. V. Samsonov); production of the nitrides of rare-earth, rare, disseminated and transition metals (M. D. Lyutaya and others); experimental production of aluminum nitride from the gaseous phase (N. G. Slavina and A. A. Pletyushkin); production of transition-metal nitrides by nitriding metal powders and reducing and nitriding metal oxides (G. V. Samsonov and V. S.

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L 44361-66

ACC NR: AP6007295

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Polishchuk); research into nitride alloys (L. M. Katanov and others); fabrication of work parts from nitrides (L. I. Struk and others); research into the evaporation of nitrides (V. V. Fesenko and others); studies of the superconductivity, and thermoemissive and refractory properties of the nitrides (O. I. Shulishova and others). S. M. Ariya and associates presented an interesting paper on the formational enthalpy of titanium nitrides as a function of their composition, while T. N. Nazarchuk presented a general survey of methods of the chemical analysis of nitrides. The resolution adopted by the Seminar noted the high level of the presented papers and outlined further ways and means of enhancing the effectiveness of nitride research. In particular, it pointed to the need to intensify R&D work on high-purity nitrides and to broaden the studies of the physical properties of nitrides and nitride-base alloys by utilizing x-ray spectral, galvanomagnetic, magnetic, spectroscopic and other methods. The proceedings of the Seminar will be published in a special volume.

SUB CODE: 11-~~20-43~~ 07/ SUBM DATE: none/

Card 2/2 hs

GONCHARUK, A.I., arkhitektor; KHAZANOVSKIY, I.S., arkhitektor; SHVETS, N.A.,
inzh.

Problems in designing industrial enterprises in the southern
regions of the U.S.S.R. Prom. stroi. 37 no.9:49-52 S '59.
(MIRA 13:1)
(Russia, Southern--Factories--Design and construction)

GONCHARUK, A. N.

GONCHARUK, A. N.: "Aspects of the clinical course of epidemic hepatitis (Botkin's disease) in children, and the clinical-diagnostic significance of the AVB reaction". Odessa, 1955. Odessa State Medical Inst imeni N. I. Pirogov. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

GONCHARUK, A.N.

Mud therapy in the compound treatment of lingering forms of epidemic hepatitis in children. Vrach. delo no.1:27-30 Ja '57
(MLBA 10:4)

1. Kafedra detskikh infektsionnykh bolezney (zav.-dots. N.G. Stepina)
Odesskogo meditsinskogo instituta.
(LIVERS--DISEASES) (BATHS, MOOR AND MUD)

GONCHARUK, A.N.

Urine color sedimentation reaction in epidemic hepatitis (Botkin's disease) in children. *Pediatrics* 36 no.2:87-88 F '59.

(MIRA 12:4)

1. Iz kafedry detskikh infektsionnykh bolezney Odesskogo meditsinskogo instituta imeni N.I. Pirogova.

(URINE--ANALYSIS AND PATHOLOGY)
(HEPATITIS, INFECTIOUS)

MIDLER, T.L.; GONCHARUK, A.N.

Mud therapy in the early stages in poliomyelitis in children. Report
No.2. Vop. kur., fizioter. i lech. fiz. kul't. 25 no.2:142-145 M-
Ap '60. (MIRA 13:9)

1. Iz kafedry detskikh bolezney lechebnogo fakul'teta (zav. -
dotsent V.P. Chernyuk) i infektsionnykh zapolevaniy detskogo
vozrasta (zav. - dotsent N.G. Stepina) Odesskogo meditsinskogo
instituta imeni N.I. Pirogova (dir. - prof. I.Ya. Dayneka) i Odesskoy
gorodskoy infektsionnoy bol'nitsy (glavnyy vrach S.T. Kolesnikov).
(POLIOMYELITIS) (BATHS, MOOR AND MUD)

STEPINA, N.G.; GONCHARUK, A.N.; NEDOSTUP, F.I.

Fangothrapy in poliomyelitis in children. Vop. kur., fizioter.
i lech. fiz. kult'. 30 no.3:268-269. My-Je '65.

(MIRA 18:12)

1. Kafedra infektsionnykh bolezney detskogo vozrasta (zav.-
dotsent N.G. Stepina) Odesskogo meditsinskogo instituta i
Odesskaya klinicheskaya infektsionnaya bol'nitsa (glavnyy
vrach L.T. Zhidovlenko). Submitted June 20, 1963.

GONCHARUK, A.N., kand.med.nauk

Use of streptomycin aerosols in pulmonary tuberculosis in children.
Probl. tub. no.2:31-34 '65.

(MIRA 18:12)

1. Kafedra detskikh bolezney (zav. - prof. V.I.Zuzanova)
pediatricheskogo fakul'teta Odesskogo meditsinskogo instituta
imeni N.I.Pirogova i detskaya gorodskaya klinicheskaya
bol'nitsa (glavnyy vrach Ye.P.Makarenko).

UBOGIY, P.S.; GONCHARUK, A.S.

Frequency selector. Avtom. i prib. no. 1:83-84 Ja-Mr '63. (MIRA 16:3)

1. Lisichanskiy filial Instituta avtomatiki Donetskogo soveta narodnogo khozyaystva.

(Frequency measurements)

UBOGIY, P.S.; GONGHARUK, A.S.

Telecommand and telesignaling units in the "Avtodispatcher" system.
Avtom. i prib. no.2;10-11 Ap-Je '65. (MIRA 18:7)

GONCHARUK G.A. (Kiyay)

Effect of high temperature on human muscular capacity. Gig.
truda i prof. zab. 2 no.6:19-22 W-D '58 (MIRA 11:12)

1. Institut giginny truda i profzabolevaniy.
(MUSCLES)
(HEAT--PHYSIOLOGICAL EFFECT)

KRYZHANOVSKIY, V.G.; OCHRIMENKO, A.P.; GONCHARUK, G.A. (Kiyev)

Organization of labor in manual cultivation of sugar beet
crops and its improvement. Gig.truda i prof.zab. 3 no.2:51
Mr-Ap '59. (MIRA 12:6)

1. Institut gigiyeny truda i profsabolevaniy.
(SUGAR BEETS) (AGRICULTURE--HYGIENIC ASPECTS)

STEPINA, N.G. [Stepina, N.H.], dots.; MIDLER, T.L.; GONCHARUK, G.M.
[Honcharuk, H.M.]

Fangothrapy for poliomyelitis patients during initial hospitalization.
Ped., akush. i gin. 19 no.4:11-14 '57. (MIRA 13:1)

1. Kafedra infektsionnykh bolezney detskogo vozrasta (zav. - dots.
N.G. Stepina), Klinika detskikh bolezney lechebnogo fakul'teta (zav. -
dots. V.P. Chernyuk) Odesskogo gosudarstvennogo meditsinskogo insti-
tuta im. M.I. Pirogova (direktor - prof. I.Ya. Deyneka) i gorodskaya
infektsionnaya bol'nitsa (glavnyy vrach - S.T. Kolesnikov).
(BATHS, MOOR AND MUD) (POLIOMYELITIS)

GONCHARUK, G.M. [Honcharuk, H.M.]; MIDLER, T.L.

Importance of taking the skin temperature in the recognition of various forms of poliomyelitis. Ped., akush. i gin. 22 no.3:26 '60.

(MIRA 14:4)

1. Kafedra infektsiynikh zakhvoryuvan' dityachogo viku (zav. - dotsent N.G. Stepina [N.H.Stepina]) ta kafedra dityachikh khvorob likulval'nogo fakul'tetu (zav. - dotsent V.P.Chernyuk) Odes'kogo derzhavnogo medichnogo instituttu im. M.I.Pirogova (direktor zasluzh.diyach nauki prof. I.Ya.Deyneka) i mis'ka klinichna infektsiyna likarnya (golovniy likar L.Zhidovlenko).

(POLIOMYELITIS) (SKIN)

GONCHARUK, G.M. [Honcharuk, H.M.], kand.med.nauk; SOTNICHENKO, L.O., prozektor

Periarteritis nodosa in children. Ped., akush. i gin. 22 no. 6:27-
29 '60. (MIRA 14:10)

1. Kafedra infektsionnykh bolezney detskogo vozrasta (zaveduyushchiy -
doktrent N.G.Stepina [Stepina, N.H.]) Odesskogo meditsinskogo instituta
im. M.I.Pirogova (direktor - zasluzhennyy deyatel' nauki USSR prof.
I.Ya.Deyneka) i Klinicheskaya infektsionnaya bol'nitsa (glavnyy vrach -
L.T.Zhidovlenko [Zhydovlenko, L.T.]).
(ARTERIES - DISEASES)

GONCHARUK, G.M. [Honcharuk, H.M.]

First All-Asian Congress of Pediatricians in India. Ped., akush. 1
gin. 23 no.4:34-35 '61. (MIRA 17:1)

GONCHARUK, I. A.

For high yields in hard wheat Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 12 p.
(Biblioteka obmena opytom передовиков sel'skogo khoziaistva)

GONCHARUK, I.S., Cand Vet Sci — (diss) "Veterinary-sanitary, commercial and technological quality of meat of cattle ^{affected} with fasciolosis."
L'vov, 1959. 16 pp (Min of Agr USSR. L'vov Zoo-Vet Inst). 150 copies (KL'37-59, 110)

64

DEREVYAGIN, N.P., insh.; GONCHARUK, K.F., insh.; ANTONOVA, G.T.;
SHCHIPINA, N.Ye., kand. tekhn. nauk; KLUBNICHKIN, K.F.,
kand. tekhn. nauk, otv. red.; DOLGIKH, N.S., red.;
DONSKAYA, G.D., tekhn. red.

[Uses of rare elements and titanium in chemical industries
and analytical chemistry] Primenenie redkikh elementov i
titana v khimicheskikh proizvodstvakh i analiticheskoi
khimii; obsor literatury. Moskva, Otdel nauchno-tekhn. in-
formatsii, 1962. 64 p. (Informatsia, no.27(38))

(MIRA 16:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheskoj promyshlennosti "Giredmet."
(Metals, Rare and minor) (Titanium)

GONCHARUK, N.; EGLE, A. [translator]; VIVERS, J., red.; CAKSS, J.,
takhn.red.

[Growing vegetables between buffer strips and under plastic
film] Plastmasu plevs un kulises darsenu audzesana. Riga,
Latvijas Valsts izdevnieciba, 1960. 94 p. Translated by
M.Egle. (MIRA 14:12)

(Latvia--Vegetable gardening)

GONCHARUK, N.I.; NEDVORYAGINA, C., red.

/ [Our successes in the development of horticulture] Nashi
uspekhi v razvitii sadovodstva. Kishinev, Kartia moldo-
veniaske, 1965. 23 p. (MIRA 19:1)

GONCHARUK, N.S.

USSR / Cultivated Plants.. Cereals.

M

Abs Jour : Ref Zhur - Biol., No 8, 1958. No 34696

Author : Goncharuk, N.
Inst : Latvian Institute for Agricultural Research.
Title : Sound Methods of Raising Early and Inexpensive Vegetables.

Orig Pub : Kolkhoznik Sov. Latvii, 1957, No 9, 22.

Abstract : Results of experiments with polyamide coating as a covering for cultivation beds by the Latvian Agricultural Research Institute. The coating allows better passage of sun light than glass, is more convenient, and contributes to an increase of soil and environmental temperature.

Card 1/1

GONCHARUK, N.S.

APPROVED FOR RELEASE: 06/13/2000 25-58-3-24/41
CIA-RDP86-00513R000516010017-0

AUTHOR: Goncharuk, N.S., Chief Agriculturist of the Ogre MTS (Latvian SSR), Aspirant of the Latvian Scientific Research Institute of Agriculture

TITLE: Plastics in Vegetable Growing (Plastmassy v ovoshchevodstve)

PERIODICAL: Nauka i Zhizn', 1958, Nr 3, pp 57-58 (USSR)

ABSTRACT: This article describes in detail new methods of sheltering vegetables by replacing the glass coverings normally applied by plastic materials. Tests have been successfully carried out in this field by co-workers of the Latvian Scientific Research Institute of Agriculture in co-operation with the sel'skokhozyaystvennaya artel' (Agricultural Artel) "Lachplesis" (Ogre District). In 1956-57, especially interesting results were obtained with the application of the transparent polyamide covering "PK-4". There are five photographs.

ASSOCIATION: Ogrskaya MTS, Latviyskaya SSR (Ogre MTS, Latvian SSR)
Latviyskiy nauchno-issledovatel'skiy institut zemledeliya (Latvian Scientific Research Institute of Agriculture)

AVAILABLE: Library of Congress
Card 1/1 1. Vegetables 2. Agriculture 3. Plastics-Applications

GONCHARUK, N. S., Cand Agr Sci -- (diss) "Cultivation of early cucumbers using links and shelters made of plastic film under agricultural conditions of the Latvian SSR." Riga, 1960. 35 pp; (State Commission of Higher and Secondary Specialist Education under the Council of Ministers Latvian SSR, Latvian Agricultural Academy); 250 copies; price not given; (KL, 30-60, 139)

GONCHARUK, N.S., kand. sel'khoz. nauk; KURZINA, I.A., red.

[Greenhouses made of plastic films; from the experience
on Latvian farms] Plenochnye teplitsy; opyt raboty kho-
ziaistv Latvii. Moskva, Kolos, 1965. 77 p.

(MIRA 18:7)

GONCHARUK, R.I.

Automatic steam feed regulator. Bet. 1 zhel.-bet. no. 5:214-215
My '60. (MIRA 14:5)

(Rostov-on-Don--Autoclaves)

GONCHARUK, S.I., kand. filosofskikh nauk, dotsent

Analogy as one of the methods of knowing social phenomena.
Trudy MIIT no.223:127-141 '65. (MIRA 18:11)

YAKUBCHIK, A.I.; ZYKOVA, S.K.; GONCHARUK, S.P.

Investigation of the chemical structure of sodium-divinyl SEB (rod process) rubber. Zhur.prikl.khim. 31 no.11:1697-1704 N '58.

(MIRA 12:2)

1. Kafedra vysokomolekulyarnykh soyedineniy Leningradskogo gosudarstvennogo ordena Lenina universiteta im. A.A. Zhdanova.
(Rubber, Synthetic)

VOROPAY, A.P.; ASHIN, G.M.; GONCHARUK, S.I.; MAKSIMENKO, I.I.;
SUSLYAYEVA, Ye.L.; SHEMANIN, G.M.; SHEMENEV, G.I., kand.
filos.nauk, red.; FATEYEV, P.Ya., retsenzent; VOLKOV,
P.S., retsenzent; PESKOVA, L.N., red.; BOBROVA, Ye.N.,
tekh. red.

[Communist labor of railroad workers] Kommunisticheskiy trud
zheleznodorozhnikov. Moskva, Transzheldorizdat, 1962. 72 p.
(MIRA 15:7)

(Railroads--Employees) (Socialist competition)

GONCHARUK, S. P.

[illegible]

GONCHARUK, Vasilii Kharitonovich, brigadir; YARTSEV, N., red.;
KUZNETSOVA, A., tekhn. red.

[One of the first] Odnaz iz pervykh. Moskva, Mosk.rabochii,
1962. 33 p. (MIRA 15:9)

1. Stroitel'nyy uchastok No.2 Moskovskogo zhilishchno-
stroitel'nogo tresta (for Goncharuk).
(Moscow--Construction workers)

GONCHARUK, Ye.I., assistant

Pollution of ground waters by underground irrigation seepage.
Oig. 1 san. 24 no.7:15-21 J1 '59. (MIRA 12:9)

1. Iz kafedry obshchey gigiyeny Kiyevskogo ordena Trudovogo
Krasnogo Znameni meditsinskogo instituta imeni akad.A.A.
Bogomol'tsa.

(WATER POLLUTION

ground water pollution by underground irriga-
tion sewage disposal system (Rus))

(SANITATION

same)

L

GONCHARUK, YE. I., CAND MED SCI, ^{from the} "PROBLEM OF HYGIENIC
EVALUATION OF ^{the} PURIFICATION OF ^{household sewage} ~~LEACHING~~ OFF WATERS ON ^{fields}
^{of subsurface irrigation} ~~SUBIRRIGATED FIELDS~~ (FILTRATION)." VINNITSA, 1960.
(VINNITSA MED INST IM N. I. PIROGOV). (KL, 3-61, 231).

407

GONCHARUK, Ye.I.

Hygienic basis for determining the depth for laying drains in
fields of underground filtration. Gig.i san. 25 no.7:22-26
Jl '60. (MIRA 14:5)

1. Iz kafedry obshchey gigiyeny Kiyevskogo meditsinskogo instituta.
(SEWERAGE)

GONCHARUK, Ye.I., assistant

Basis for sanitary standards for the separation between water intake structures, fed from underground waters, and fields irrigated by underground sewage (filtration). Gig. i san.26 No.11:91-92 N '61.
(MIR 14:11)

1. Iz kafedry gigiyeny Ternopol'skogo meditsinskogo instituta.
(SEWAGE IRRIGATION) (WATER-SUPPLY ENGINEERING)

GONCHARUK, Ye. I., kand. med. nauk (Kiyev)

Accelerating the process of biological maturation for underground
sewage farms. Vod. i san. tekhn. no. 6:16-18 Je '62. (MIRA 15:7)
(Sewage—Purification)

PETROVSKIY, Dmitriy Vladimirovich; GONCHARUK, Yuriy Konstantinovich;
SMIRNOVA, V.K., red.; MAL'KOVA, N.V., tekhn. red.

[Operating motor vehicles in the Far North] Eksploatatsiya avto-
mobilei na Krainem Severe. Moskva, Nauchno-tekhn. izd-vo M-va
avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 55 p.
(MIRA 14:6)

(Motor vehicles—Cold weather operation)

POKROVSKIY, Aleksandr Nikolayevich; BUKIN, Aleksandr Alekseyevich; GAV-
RILOV, Dmitriy Fedorovich; TOLKACHEV, S.S., retsenzents; GONCHA-
RUK, Yu.K., red.; STRYZHKOVA, N.I., red. izd-va; NIKOLAYEVA,
L.N., tekhn. red.

[Operating motortrucks with carburetor engines under low temperature
conditions] Eksploatatsiia avtomobilei s karbiuratornymi dvigatelemi
v usloviakh nizkikh temperatur. Moskva, nauchno-tekhn. izd-vo M-va
avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 171 p.
(MIRA 14:10)

(Motortrucks—Cold weather operation)

ACCESSION NR: AR4014147

S/0137/63/000/012/D037/D037

SOURCE: RZh. Metallurgiya, Abs. 12D224

AUTHOR: Rogov, M. B.; Yuferov, V. M.; Goncharov, I. A.; Lagutina, R. V.;
Prihodchenko, G. M.; Pechennikova, I. S.; Prudkova, R. A.

TITLE: Experience in making cold-rolled pipes from EP38, EP39, and EI993
ferritic-martensitic steels

CITED SOURCE: Sb. Proiz-vo trub. M., Metallurgizdat, vy*p. 9, 1963, 40-48

TOPIC TACS: Ferritic martensitic steel, steel pipe cold rolling, steel pipe
cold drawing

TRANSLATION: The following conclusions were reached on the basis of industrial
experience in producing the indicated pipes: (1) In order to obtain a satis-
factory surface of cold-rolled and cold-drawn pipes with a wall thickness of 1 mm
made from EP38 and EP39 steel, the tube blanks should be turned and bored.
Turning of blanks from EP38 and EP39 steel for tubes with a wall thickness of

Card 1/2

ACCESSION NR: AR4011147

1 mm can be replaced by the usual repair by means of files. (2) The heat treatment of hot-rolled pipes from EP38, EP39, and EI993 steel should be carried out by annealing prior to cold deformation. A. Leont'yev.

DATE ACQ: 09Jan64

SUB CODE: ML

ENCL: 00

Card 2/2

GONCHARYK, M.M. [Hancharyk, M.M.]

Water regimen of the potato plant in the Yenisey Valley north of
the Arctic Circle. Vestsi AN BSSR.Ser.bial.nav. no.4:66-81
'59. (MIRA 13:4)

(Igarka--Potatoes)
(Plants--Transpiration)

GONCHARYUK, V., dotsent

Defending degree projects in a factory. Izv.vys.ucheb.zav.; neft'
i gaz 4 no.7:16 '61. (MIRA 14:10)
(Petroleum workers—Education and training)

GONCHARYUK, V., dotsent, kand.tekhn.nauk (Baku)

Excellent marks. Posh.delo 9 no.3:28 Mr '63. (MIRA 16:4)
(Azerbaijan—Fire prevention—Study and teaching)

GONCHARYUK, V., kand.tekhn.nauk, dotsent

Creative cooperation. Okhr. truda i sots. strakh. 6 no.12:15 D
'63. (MIRA 17:2)

1. Kafedra tekhniki bezopasnosti i protivopozharnoy tekhniki
Azerbaydzhanskogo instituta nefti i khimii im. M.Azizbekova.

GONCHARYUK, V

A

Protivopozharnyye meropriyatiya v khimicheskikh laboratoriyakh neftyanoy promyshlennosti
(Fireproof measures in chemical laboratories of the petroleum industry.) Baku, Azneft-
eizdat, 1953. 54 p. tables, diagrs. "Literatura": p. (55)

N/5

735.5

.G6

GONCHARYUK, V.A.; SPEKTOR, Sh.Sh., redaktor; KADYRLI, A.M., tekhnicheskiy
~~redaktor~~

[Fire prevention measures at petroleum refineries] Protivopozhar-
nye meropriyatia na neftepererabatyvaiushchikh zavodakh. Baku,
Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry.
Azarbaidzhauskoe otd-nie, 1954. 167 p. [Microfilm] (MLRA 7:10)
(Petroleum industry--Fires and fire prevention)

GONCHARYUK, V. A.

GONCHARYUK, V. A.- "Fundamentals of Fire-Prevention Engineering in the Petroleum Refining Industry." Min of Higher Education USSR, Azerbaydzhan Order of Labor Red Banner Industrial Inst imeni M. Azizbekov, Baku, 1955 (Dissertations For Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

GONCHARYUK, V.A.

Problem of teaching fire-prevention techniques in institutions of higher learning. Izv. vys. 'ucheb. zav.; neft' i gaz 3 no.12: 125-126 '60. (MIRA 14:10)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.
(Petroleum industry--Fires and fire prevention)
(Fire prevention--Study and teaching)

GONCHEROVA, V.N.

Effect of cortisone and glutamic acid on the excitability of the nervous system in rats. Biul. eksp. biol. i med. 48 no. 9:84-88 S '59.

(MIRA 13:1)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zaveduyushchiy - prof. N.A. Yudayev) Instituta biologicheskoy i meditsinskoy khimii (direktor - deystvitel'nyy chlen AMN SSSR V.N. Orekhovich) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Orekhovichem.

(CORTISONE pharmacol.)

(GLUTAMATES pharmacol.)

(NERVOUS SYSTEM pharmacol.)

COUNTRY : Bulgaria K
CATEGORY : Forestry, Dendrology.
ABS. JOUR.: Ref Zhur -Biologiya, No. 5 , 1959, No. 20127
Author : Gonchev, A.
INST. : --
TITLE : Poplar Speices and Forms Which Thrive and
Are Suitable for Cultivation in Bulgaria
ORIG. PUB.: Gorsko stopanstvo, 1958, 14, No.2, 18-25
ABSTRACT : No abstract

CARD : 1/1

20

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000516010017-0

GONCHIGZHAV, Z. Cand Agr Sci, -- "Study of the productivity of hybrid sheep
under conditions of ^{the Eastern Steppe Region} ~~the Eastern Steppe Region~~ of the Mongol People's Republic."
(Mos Vet Acad of the Min Agr RSFSR). (KL, 4-61, 204)

180

GONCHIKOV, TS. B.

Gonchikov, Ts. E. - "Experience in spring fattening of steers using fattening fodders", Trudy Buryat-Mongol. ovyt. startsi po zhivotnovodstvu, Issue 1, 1949, p. 85.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

GONCHOG, Dindeviyn

"Comparative Study of the Meat Quality of Mongolian Cattle and Yaks, and Their Hybrids." Cand Agr Sci, Moscow Agricultural Acad imeni K. A. Timiryazev, Moscow, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

L 34300-56 FBD/PBT(1)/EWT(m)/BEC(1)-2-T-BW(1)/BTI/END(1) LUP(1) WG, JD

ACC NR: AP6018453

SOURCE CODE: UR/0051/66/020/006/1083/1085

AUTHOR: Gonchukov, S. A.; Yermakov, G. A.; Mikhnenko, G. A.; Protsenko, Ye. D. 52

ORG: none

TITLE: On the problem of temperature effects in an Ne-He laser 25

SOURCE: Optika i spektroskopiya, v. 20, no. 6, 1966, 1083-1085

TOPIC TAGS: gas laser, laser emission, discharge tube, *HELIUM, NEON, GAS DIS-CHARGE, TEMPERATURE DEPENDENCE, LASER PUMPING*

ABSTRACT: The variation in the power of an Ne-He laser under constant pumping during the first few minutes of the discharge excitation is investigated. This variation is obviously due to the heating up of the tube and the variation in the concentration of the neutral atoms in the gas mixture. When the tube is fired, the gas pressure rises somewhat. The heating up of the tube decreases the number of particles in the working section and varies the temperature and concentration of electrons in the discharge. These changes, together with the varying particle velocity distribution, affect the magnitude of the population inversion and thereby the output power of the laser. The output power is plotted as a function of pressure and as a function of the concentration of unexcited atoms with various wall temperatures. The experimental method, conditions, and equipment are described. Results show that there is an optimum concentration at which a peak power is obtained regardless of the temperature and that the pow-

UDC: 621.375.9:535.096

Card 1/2

L 34800-66

ACC NR: AP6018453

er output is temperature-dependent. Reasons for the variation in power output are given. The authors thank A. N. Orayevskiy for discussing the results. Orig. art. has: [14]
2 figures.

SUB CODE: 20/

SUBM DATE: 08Dec65/

ORIG REF: 001/

OTH REF: 001

ATD PRESS: 503/

Card 2/2 22

GONCHUKOV, V.I.

BARANOV, A.F., redaktor; BIZYUKIN, D.D., redaktor; VAKHNIN, M.I., otvetstvennyy redaktor toma, professor, doktor tekhnicheskikh nauk; VEDENISOV, B.N., redaktor; IVLIYEV, I.V., redaktor; MOSHCHUK, I.D., redaktor; RUDOV, Ye.F., glavnyy redaktor; SOKOLINSKIY, Ya.I., redaktor; SOLOGUBOV, V.N., redaktor; SHILEVSKIY, V.A., redaktor; ALFEROV, A.A., inzhener; ANASHKIN, B.T., inzhener; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, inzhener; BELENKO, K.M., dotsent; BORISOV, D.P., dotsent, kandidat tekhnicheskikh nauk; ZHIL'TSOV, P.N., inzhener; ZBAR, N.R., inzhener; IL'YENKOV, V.I., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, A.A., kandidat tekhnicheskikh nauk; KRAYZMER, I.P., kandidat tekhnicheskikh nauk; KOTLYARENKO, N.F., dotsent, kandidat tekhnicheskikh nauk; MAYSHEV, P.V., professor, kandidat tekhnicheskikh nauk; MARKOV, M.V., inzhener; NELEPETS, V.S., dotsent, kandidat tekhnicheskikh nauk; NOVIKOV, V.A., dotsent; ORLOV, N.A., inzhener; PETROV, I.I., kandidat tekhnicheskikh nauk; PIVKO, G.M., inzhener; FOGODIN, A.M., inzhener; RAMLAU, P.N., dotsent, kandidat tekhnicheskikh nauk; ROGINSKIY, V.N., kandidat tekhnicheskikh nauk; RYAZANTSEV, B.S., laureat Stalinskoy premii, dotsent, kandidat tekhnicheskikh nauk; SNARSKIY, A.A., inzhener; FEL'DMAN, A.B., inzhener; SHASTIN, V.A., laureat Stalinskoy premii, inzhener; SHUR, B.I., inzhener; GONCHUKOV, V.I., inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, retsenzent;

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiya, tsentralizatsiya, blokirovka, svyaz'. Red. kollegiya A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. zhel-dor. ind-vo, 1952. 975 p. (Continued on next card)

BRYLEYEV, A.M., laureat Stalinskoy premii, inzhener; GAMBURG, Ye.Yu., inzhener, retsenzent; GOLOVKIN, M.K., inzhener, retsenzent; KAZAKOV, A.A., kandidat tekhnicheskikh nauk, retsenzent; KUT'IN, I.M., dotsent, kandidat tekhnicheskikh nauk, retsenzent; LEONOV, A.A., inzhener, retsenzent; SEMENOV, N.M., laureat Stalinskoy premii, inzhener, retsenzent; CHERNYSHEV, V.B., inzhener, retsenzent; VALUYEV, G.A., inzhener, retsenzent; METTAS, N.A., laureat Stalinskoy premii, inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; SHUPLOV, V.I., kandidat tekhnicheskikh nauk, retsenzent; KLYKOV, A.F., inzhener, retsenzent; YUDZON, D.M., tekhnicheskii redaktor; VERINA, G.P., tekhnicheskii redaktor.

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, svyaz'. Red. kollegiia A.F. Baranov [i dr.] Glav. red. E.F. Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Card 2) (MLRA 8:2)
(Railroads--Signaling) (Railroads--Communication systems)

FIRSANOV, Nikolay Nikolayevich; SIGAYEV, A.F.; GONCHUKOV, V.S.;
CHESNOKOVA, N.G., inzh., retsenzent; ZUBCHENKO, V.V., inzh.,
red.; USENKO, L.A., tékhn. red.

[Lighting of railroad stations] Osveshchenie zheleznodorozh-
nykh stantsii. Moskva, Transzheldorizdat, 1963. 185 p.
(MIRA 16:5)

(Railroads--Stations) (Railroads--Electric equipment)

L 10899-67 EWT(d)/EWP(1) IJP(o) BB/GO

ACC NR: AP6032517

SOURCE CODE: UR/0413/66/000/017/0092/0092 3/

INVENTOR: Gonchukov, V. V.; Smirnov, R. V.

ORG: none

TITLE: Matrix for ferrite storage devices,¹⁶⁰ Class 42, No. 185558

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 92

TOPIC TAGS: storage device, data readout, matrix, modula

ABSTRACT: The proposed matrix for ferrite storage devices contains ferrite cores pierced with coordinated windings and an information winding (Fig. 1). The latter is used as a readout winding and an inhibitor winding with a grounded center point. To increase its reliability and simplify its design, the matrix is formed by four identical modules placed in four quadrants. The information windings of the modules placed in the first, third, fourth and second quadrants are series connected. The beginning of the information winding of the module lying in the second quadrant and the end of information winding of the module lying in the first quadrant are connected to the inputs of the readout amplifier. The end of the information winding of the module

Card 1/2

UDC: 681.142.07

L 10899-67

ACC NR: AP6032517

lying in the fourth quadrant and the beginning of the information coil of the module lying in the third quadrant are led out as the mean point. Orig. art. has: 1 figure [Translation]

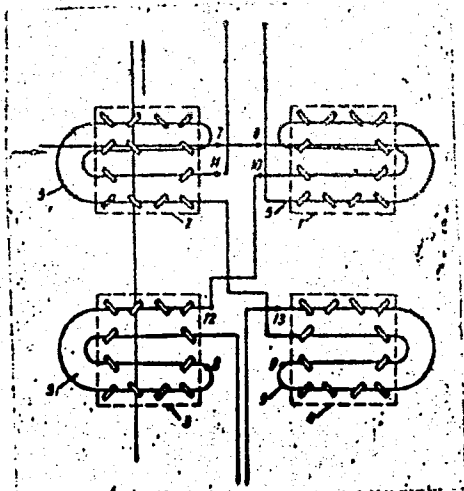


Fig. 1. Matrix for ferrite storage Devices.

1—4—Matrix modules;
5—information windings of modules; 6—9—beginnings of windings; 10—13—ends of windings

Card 2/2 ⁶⁷ SUB CODE: 09/SUBM DATE: 18Jun65/

L 09945-67 EWT(d)/EWF(1) IJP(c) BB/GG

ACC NR: AP6035846

SOURCE CODE: UR/0413/66/000/020/0056/0057

AUTHOR: Conchukov, V. V.; Smirnov, R. V. 36

ORG: none

TITLE: Memory unit.¹⁶ Class 21, No. 187086

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 56-57

TOPIC TAGS: computer memory, computer storage device, memory core, ferrite core memory

ABSTRACT: An Author Certificate has been issued for a memory unit consisting of ferrite cores, read amplifiers, write current generators, coordinate selection lines, and an information line (for each bit position) which acts as a digit write wire. The information line consists of two series-connected parts each of which has an equal number of half-selected cores. Two resistors are connected to the information winding to reduce the write current applied to the information line. These resistors, together with the parts of the information winding shown in Fig. 1, form

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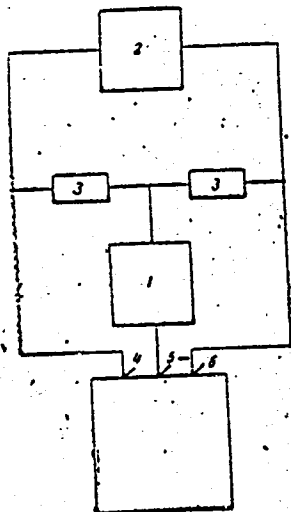


Fig. 1. Memory unit

1 - Read amplifier; 2 - write current generator;
3 - resistors; 4, 5 - outputs of one part of the
information winding; 6 - outputs of the other part
of the information winding.

a bridge circuit. A write current generator and a read amplifier are connected as the two diagonals of the bridge circuit. Orig. art. has: 1 figure.

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